

# CUMULATIVE INDEXES

## CONTRIBUTING AUTHORS, VOLUMES 20-29

### A

Abawi, G. S., 25:317-38  
 Adams, S. S., 21:341-62  
 Alcorn, J. L., 26:37-56  
 Allard, R. W., 27:77-94  
 Allmaras, R. R., 26:219-43  
 Anderson, N. A., 20:329-47  
 Aust, H.-J., 24:491-510  
 Aylor, D., 28:73-92  
 Ayres, P. G., 22:53-75

### B

Baker, K. F., 20:1-25, 21:13-20, 25:67-85  
 Bakker, A. W., 25:339-58  
 Bakker, P. A. H. M., 25:339-58  
 Baldwin, B. C., 26:265-83  
 Bar-Joseph, M., 27:291-316  
 Barnett, H. L., 27:33-40  
 Beachy, R. N., 28:451-74  
 Bell, A. A., 24:411-51  
 Beute, M. K., 29:279-303  
 Blakeman, J. P., 20:167-92  
 Blanchette, R., 29:381-98  
 Bloomberg, W. J., 23:83-96  
 Bol, J. F., 28:113-38  
 Boothroyd, C. W., 20:41-47  
 Bostock, R. M., 27:343-71  
 Bové, J. M., 22:361-96  
 Brakke, M. K., 22:77-94, 26:331-50  
 Brodie, B. B., 27:443-61  
 Browder, L. E., 23:201-50  
 Bruehl, G. W., 29:1-12  
 Bruening, G., 24:355-81  
 Buddenhagen, I. W., 21:385-409  
 Burdon, J. J., 20:143-66

### C

Campbell, C. L., 21:385-409, 23:129-48  
 Carrington, J. C., 26:123-43  
 Carson, M. J., 27:373-95  
 Carter, C. C., 21:271-88  
 Castellano, M., 22:331-59  
 Castello, J. D., 27:331-59

Caswell, E. P., 23:275-96  
 Chang, Y. H., 20:71-92  
 Chilvers, G. A., 20:143-66  
 Chiu, W. F., 20:71-92  
 Chumley, F. G., 29:443-67  
 Coakley, S. M., 26:163-81  
 Coffey, M. D., 24:311-38  
 Cohen, Y., 24:311-38  
 Cole, R. J., 25:249-70  
 Collmer, A., 24:383-409  
 Cooksey, D. A., 28:201-19  
 Coplin, D., 27:187-212  
 Cornelissen, B. J. C., 28:113-38  
 Culver, J. N., 29:193-217

### D

Dahlberg, K. R., 20:281-301  
 Daly, J. M., 22:273-307  
 Daniels, M. J., 21:29-43  
 Daniels, M. J., 26:285-312  
 Daub, M. E., 24:159-86  
 Davidse, L. C., 24:43-65  
 Davis, J. M., 25:169-88  
 Davis, M. J., 24:115-40  
 Davis, R. E., 24:339-54  
 Dawson, W. O., 29:193-217  
 de Bruin-Brink, G., 24:27-31  
 DeBoer, S. H., 23:321-50  
 Diener, U. L., 25:249-70  
 Dinooor, A., 22:443-66  
 Djordjevic, M. A., 25:145-68  
 Dodds, J. A., 22:151-68  
 Dollet, M., 22:115-32  
 Dougherty, W. G., 26:123-43  
 Dow, J. M., 26:285-312  
 Dropkin, V. H., 26:145-61  
 Duncan, L. W., 29:469-90  
 Durbin, R. D., 26:313-29

### E

Ebel, J., 24:235-64  
 Eckert, J. W., 23:421-54, 26:433-69  
 Edens, T. C., 20:363-95  
 Eisenback, J. D., 21:271-88  
 Ellingboe, A. H., 19:125-43, 25:59-66  
 Ellis, J. G., 26:245-63

Ercolani, G. L., 22:35-52  
 Eshed, N., 22:443-66  
 Eskes, A. B., 27:503-31  
 Esser, R. P., 27:41-45  
 Estey, R. H., 24:17-25  
 Evans, L. S., 22:397-420

### F

Fahy, P. C., 24:93-114  
 Fischer, G. W., 21:13-20  
 Fitt, B. D. L., 27:241-70  
 Fokkema, N. J., 20:167-92  
 Foster, R. C., 24:211-34  
 Fraser, R. S. S., 28:179-200  
 Fravel, D. R., 26:75-91  
 Freckman, D. W., 23:275-96  
 Frederiksen, R. A., 22:247-72  
 French, R. C., 23:173-200  
 Fulton, J. P., 25:111-23  
 Fulton, R. W., 22:27-34, 24:67-81

### G

Gabriel, D. W., 25:145-68, 28:365-91  
 Gallegly, M. E., 27:33-40  
 Garrett, S. D., 23:13-18  
 Geiger, H. H., 27:317-41  
 Georgi, L., 28:247-69  
 Gergerich, R. C., 25:111-23  
 Gerlach, W. C., 28:341-63  
 Giebel, J., 20:257-79  
 Gilligan, C. A., 21:45-64  
 Goldbach, R. W., 24:289-310  
 Golden, A. M., 29:15-26  
 Goodwin, S. B., 27:77-94  
 Gould, A. R., 21:179-99  
 Graça, J. V. d., 29:109-36  
 Grace, J. K., 26:25-28  
 Gracen, V. E., 20:219-33  
 Graniti, A., 28:27-36  
 Grogan, R. G., 25:1-8  
 Gross, D., 29:247-78  
 Gustafson, G. D., 27:95-121

### H

Halk, E. H., 23:321-50  
 Harnan, G. E., 28:321-39

# CUMULATIVE INDEXES

## CONTRIBUTING AUTHORS, VOLUMES 20-29

### A

Abawi, G. S., 25:317-38  
 Adams, S. S., 21:341-62  
 Alcorn, J. L., 26:37-56  
 Allard, R. W., 27:77-94  
 Allmaras, R. R., 26:219-43  
 Anderson, N. A., 20:329-47  
 Aust, H.-J., 24:491-510  
 Aylor, D., 28:73-92  
 Ayres, P. G., 22:53-75

### B

Baker, K. F., 20:1-25, 21:13-20, 25:67-85  
 Bakker, A. W., 25:339-58  
 Bakker, P. A. H. M., 25:339-58  
 Baldwin, B. C., 26:265-83  
 Bar-Joseph, M., 27:291-316  
 Barnett, H. L., 27:33-40  
 Beachy, R. N., 28:451-74  
 Bell, A. A., 24:411-51  
 Beute, M. K., 29:279-303  
 Blakeman, J. P., 20:167-92  
 Blanchette, R., 29:381-98  
 Bloomberg, W. J., 23:83-96  
 Bol, J. F., 28:113-38  
 Boothroyd, C. W., 20:41-47  
 Bostock, R. M., 27:343-71  
 Bové, J. M., 22:361-96  
 Brakke, M. K., 22:77-94, 26:331-50  
 Brodie, B. B., 27:443-61  
 Browder, L. E., 23:201-50  
 Bruehl, G. W., 29:1-12  
 Bruening, G., 24:355-81  
 Buddenhagen, I. W., 21:385-409  
 Burdon, J. J., 20:143-66

### C

Campbell, C. L., 21:385-409, 23:129-48  
 Carrington, J. C., 26:123-43  
 Carson, M. J., 27:373-95  
 Carter, C. C., 21:271-88  
 Castellano, M., 22:331-59  
 Castello, J. D., 27:331-59

Caswell, E. P., 23:275-96  
 Chang, Y. H., 20:71-92  
 Chilvers, G. A., 20:143-66  
 Chiu, W. F., 20:71-92  
 Chumley, F. G., 29:443-67  
 Coakley, S. M., 26:163-81  
 Coffey, M. D., 24:311-38  
 Cohen, Y., 24:311-38  
 Cole, R. J., 25:249-70  
 Collmer, A., 24:383-409  
 Cooksey, D. A., 28:201-19  
 Coplin, D., 27:187-212  
 Cornelissen, B. J. C., 28:113-38  
 Culver, J. N., 29:193-217

### D

Dahlberg, K. R., 20:281-301  
 Daly, J. M., 22:273-307  
 Daniels, M. J., 21:29-43  
 Daniels, M. J., 26:285-312  
 Daub, M. E., 24:159-86  
 Davidse, L. C., 24:43-65  
 Davis, J. M., 25:169-88  
 Davis, M. J., 24:115-40  
 Davis, R. E., 24:339-54  
 Dawson, W. O., 29:193-217  
 de Bruin-Brink, G., 24:27-31  
 DeBoer, S. H., 23:321-50  
 Diener, U. L., 25:249-70  
 Dinooor, A., 22:443-66  
 Djordjevic, M. A., 25:145-68  
 Dodds, J. A., 22:151-68  
 Dollet, M., 22:115-32  
 Dougherty, W. G., 26:123-43  
 Dow, J. M., 26:285-312  
 Dropkin, V. H., 26:145-61  
 Duncan, L. W., 29:469-90  
 Durbin, R. D., 26:313-29

### E

Ebel, J., 24:235-64  
 Eckert, J. W., 23:421-54, 26:433-69  
 Edens, T. C., 20:363-95  
 Eisenback, J. D., 21:271-88  
 Ellingboe, A. H., 19:125-43, 25:59-66  
 Ellis, J. G., 26:245-63

Ercolani, G. L., 22:35-52  
 Eshed, N., 22:443-66  
 Eskes, A. B., 27:503-31  
 Esser, R. P., 27:41-45  
 Estey, R. H., 24:17-25  
 Evans, L. S., 22:397-420

### F

Fahy, P. C., 24:93-114  
 Fischer, G. W., 21:13-20  
 Fitt, B. D. L., 27:241-70  
 Fokkema, N. J., 20:167-92  
 Foster, R. C., 24:211-34  
 Fraser, R. S. S., 28:179-200  
 Fravel, D. R., 26:75-91  
 Freckman, D. W., 23:275-96  
 Frederiksen, R. A., 22:247-72  
 French, R. C., 23:173-200  
 Fulton, J. P., 25:111-23  
 Fulton, R. W., 22:27-34, 24:67-81

### G

Gabriel, D. W., 25:145-68, 28:365-91  
 Gallegly, M. E., 27:33-40  
 Garrett, S. D., 23:13-18  
 Geiger, H. H., 27:317-41  
 Georgi, L., 28:247-69  
 Gergerich, R. C., 25:111-23  
 Gerlach, W. C., 28:341-63  
 Giebel, J., 20:257-79  
 Gilligan, C. A., 21:45-64  
 Goldbach, R. W., 24:289-310  
 Golden, A. M., 29:15-26  
 Goodwin, S. B., 27:77-94  
 Gould, A. R., 21:179-99  
 Graça, J. V. d., 29:109-36  
 Grace, J. K., 26:25-28  
 Gracen, V. E., 20:219-33  
 Graniti, A., 28:27-36  
 Grogan, R. G., 25:1-8  
 Gross, D., 29:247-78  
 Gustafson, G. D., 27:95-121

### H

Halk, E. H., 23:321-50  
 Harnan, G. E., 28:321-39

Harris, M. K., 22:247-72  
 Harrison, B. D., 23:55-82  
 Hau, B., 28:221-45  
 Haynes, D. L., 20:363-95  
 Hayward, C., 29:65-87  
 Heagle, A. S., 27:397-423  
 Heun, M., 27:317-41  
 Hewitt, W. B., 25:41-50  
 Hildebrand, D. C., 20:235-56  
 Hirano, S. S., 21:243-69,  
 28:155-77  
 Hoch, H. C., 25:231-47  
 Hoitink, H. A. J., 24:93-114  
 Holden, D. W., 27:463-81  
 Hopkins, D. L., 27:271-90  
 Hornby, D., 21:65-85  
 Horsfall, J. G., 20:27-32  
 Horsfall, J., 29:29-33  
 Horst, R. K., 22:21-26  
 Huang, J.-s., 24:141-57  
 Huettel, R. N., 29:0-0  
 Huisman, O. C., 20:235-56,  
 303-27  
 Hulbert, S. H., 25:383-404  
 Hull, R., 27:213-40  
 Hunter, B. G., 27:95-121  
 Hussey, R. S., 27:123-41  
 Hutson, J. L., 28:295-319  
 Hyman, B. C., 29:89-107

## I

Irwin, M. E., 28:393-424

## J

Jackson, A. O., 27:95-121  
 Jackson, R. D., 24:265-87  
 Jacobsen, B. J., 21:137-52  
 Jacobsen, B. J., 28:271-94  
 Jansson, H. B., 22:95-113  
 Jatala, P., 24:453-89  
 Johnson, M. C., 25:293-313  
 Johnson, R., 22:309-30  
 Jordan, R. L., 22:151-68

## K

Kahn, R. P., 29:219-46  
 Keen, N. T., 24:383-409  
 Keese, P. K., 28:341-63  
 Kelman, A., 23:1-11  
 Kerling, L. C. P., 24:27-31  
 Kern, H., 23:19-22  
 Kerr, A., 25:87-110  
 Kiyosawa, S., 20:93-117  
 Klepper, B., 29:361-80  
 Klich, M. A., 25:249-70  
 Ko, W., 26:57-73  
 Kohmoto, K., 21:87-116  
 Kolatukudy, P. E., 23:223-50  
 Koltin, Y., 28:37-58

Kotoujansky, A., 25:405-30  
 Kraft, J. M., 26:219-43  
 Kunoh, H., 28:93-111  
 Kushalappa, A. C., 27:503-81

## L

Langston-Unkefer, P. J.,  
 26:315-29  
 Latch, G. C. M., 25:293-313  
 Latin, R. X., 29:343-60  
 Lawrence, G. J., 26:245-63  
 Leath, S., 26:369-78  
 Lee, I. M., 24:339-54  
 Lee, L. S., 25:249-70  
 Lee, R. F., 27:291-316  
 Lenné, J. M., 29:35-63  
 Leong, J., 24:187-209  
 Leong, S., 27:463-81  
 Lindbeck, A. G. C., 29:193-  
 217  
 Lindeberg, G., 27:47-57  
 Lindow, S. E., 21:363-84  
 Linthorst, H. J. M., 28:113-38  
 Lockwood, J. L., 26:93-121  
 Loegering, W. Q., 25:59-66  
 Loesch-Fries, S., 28:451-74  
 Lonsdale, D. M., 27:483-502  
 Loomis, R. S., 21:341-62  
 Luttrell, E. S., 27:1-10

## M

Maggenti, A. R., 28:13-23  
 Mai, W. F., 25:317-38,  
 27:443-61, 28:13-23  
 Malaguti, G., 28:1-10  
 Mamiya, Y., 21:201-20  
 Marcus, R., 27:291-316  
 Marks, G. C., 25:207-29  
 Martin, R. R., 26:409-32,  
 28:341-63  
 Matthews, D. E., 27:143-64  
 Matthews, R. E. F., 25:11-23,  
 27:13-22  
 Mayo, M. A., 20:49-70  
 McCartney, H. A., 27:241-70  
 McDermott, J. M., 27:77-94  
 McDonald, B. A., 27:77-94  
 McDonald, D., 21:153-78  
 Mew, T. W., 25:359-82  
 Michémore, R. W., 25:383-  
 404  
 Miller, D. E., 26:219-43  
 Miller, S. A., 26:409-32  
 Mills, D., 23:297-320  
 Mitchell, R. E., 22:215-45  
 Molina, R., 22:331-59  
 Moreno, R. A., 23:491-512  
 Morris, T. J., 22:151-68  
 Murant, A. F., 20:49-70

## N

Nagarajan, S., 28:139-53  
 Namkoong, G., 29:325-42  
 Neergaard, P., 24:1-16  
 Nelson, R. R., 22:11-19  
 Nene, Y. L., 26:203-17  
 Nienhaus, F., 27:165-86  
 Nigam, S. N., 29:279-303  
 Nishimura, S., 21:87-116  
 Noe, J. P., 23:129-48  
 Nuss, D., 28:37-58

## O

Ogawa, J. M., 23:421-54,  
 26:433-69  
 Ogoshi, A., 25:125-43  
 Osbourn, A. E., 26:285-312  
 Ou, S. H., 22:1-10  
 Ouchi, S., 21:289-315

## P

Panopoulos, N. J., 23:381-419  
 Papavizas, G. C., 23:23-54  
 Pasternak, D., 25:271-91  
 Paulus, A. O., 28:271-94  
 Payne, G. A., 25:249-70  
 Peacock, W. J., 26:245-63  
 Pedersen, W. L., 26:369-78  
 Peet, R. C., 23:381-419  
 Perry, V., 27:41-45  
 Ponz, F., 24:355-81  
 Pound, G. S., 25:51-58  
 Powers, T. O., 29:89-107  
 Pring, D. R., 27:483-502  
 Pryor, A. J., 26:245-63  
 Punja, Z. K., 23:97-128  
 Purcell, A. H., 20:397-417

## R

Rathmell, W. G., 26:265-83  
 Rayner, A. D. M., 29:305-23  
 Ream, W., 27:583-618  
 Reinert, R. A., 22:421-42  
 Rickman, R. W., 29:361-80  
 Riddle, D. L., 28:247-69  
 Roelfs, A. P., 26:351-67  
 Rolfe, B. G., 25:145-68,  
 28:365-91  
 Rouse, D. I., 26:183-201  
 Ryan, C., 28:425-49

## S

Sanders, T. H., 25:249-70  
 Sasser, J. N., 21:271-88  
 Sayre, R. M., 29:149-66  
 Schein, R. D., 26:31-36  
 Schippers, B., 25:339-58

- Schroth, M. N., 20:235-56  
 Scott, H. A., 25:111-23  
 Seem, R. C., 22:133-50  
 Sequeira, L., 26:1-13  
 Shephard, M. C., 25:189-206  
 Shigo, A. L., 22:189-214  
 Siegel, M. R., 25:293-313  
 Singh, D. V., 28:139-53  
 Skylakakis, G., 21:117-35  
 Smedegaard-Petersen, V.,  
 23:475-90  
 Stall, R. E., 29:399-420  
 Staples, R. C., 25:231-47  
 Starr, M. P., 22:169-88  
 Staub, T., 29:421-42  
 Stermer, B. A., 27:343-71  
 Stover, R. H., 24:83-91  
 Symons, R. H., 21:179-99
- T**
- Tarjan, A. C., 27:41-45  
 Taylor, A. G., 28:321-39  
 Teakle, D. S., 27:23-31  
 ten Houten, J. G., 24:27-31  
 Teng, P. S., 23:351-80  
 Thomas, P. L., 29:137-48  
 Thresh, J. M., 20:193-218  
 Thresh, J. M., 28:393-424  
 Tolin, S., 27:551-81  
 Tolmsoff, W. J., 21:317-40
- Tolstrup, K., 23:475-90  
 Tomiyama, K., 21:1-12  
 Toussoun, T. A., 24:17-25  
 Trappe, J. M., 22:331-59  
 Travis, J. W., 29:343-60  
 Triantaphyllou, A. C., 21:271-  
 88  
 Trudgill, D. L., 29:167-92  
 Turner, N., 28:451-74
- U**
- Upper, C. D., 21:243-69,  
 28:157-77
- V**
- v. Hoyningen-Huene, J.,  
 24:491-510  
 Valent, B., 29:443-67  
 Van Alfen, N. K., 20:349-62,  
 27:533-50  
 Van Eetten, J. L., 20:281-301  
 VanEtten, H., 27:143-64  
 Vidaver, A., 27:551-81
- W**
- Wagenet, R. J., 28:295-319  
 Walker, J. C., 20:33-39  
 Walklate, P. J., 27:241-70  
 Wallace, H. R., 27:59-75  
 Walter, D. E., 29:149-66  
 Waterhouse, P. M., 28:341-63  
 Weller, D. M., 26:379-407  
 Wenzel, G., 23:149-72  
 Weste, G., 25:207-29  
 Wheeler, M. H., 24:411-51  
 Wiese, M. V., 20:419-32  
 Wilcox, H., 21:221-42  
 Wilhelm, S., 20:27-32  
 Williams, R. J., 21:153-78  
 Wilson, C. L., 27:425-41  
 Wisniewski, M., 27:425-41  
 Wolfe, M. S., 23:251-74  
 Wood, D., 29:35-63  
 Wood, R. K. S., 25:27-40  
 Wynne, J. C., 29:279-303
- Y**
- Young, M. J., 28:341-63
- Z**
- Zadoks, J. C., 23:455-74,  
 26:31-36  
 Zentmyer, G. A., 26:17-21  
 Zeyen, R. J., 20:119-42  
 Zuckerman, B. M., 22:95-113

## CHAPTER TITLES, VOLUMES 20-29

### PREFATORY CHAPTERS

Meditations on Fifty Years as an Apolitical Plant Pathologist	K. F. Baker	20:1-25
Research on the Hypersensitive Response	K. Tomiyama	21:1-12
Exploring Tropical Rice Diseases: A Reminiscence	S. H. Ou	22:1-10
Plant Pathology at the Crossroads	A. Kelman	23:1-11
Screening for Plant Health	P. Neergaard	24:1-16
The Relation of Art and Science of Plant Pathology for Disease Control	R. G. Grogan	25:1-8
The Changing Scene in Plant Virology	R. E. F. Matthews	25:11-23
Physiological Plant Pathology Comes of Age	R. K. S. Wood	25:27-40
On Becoming a Plant Pathologist: The Changing Scene	L. Sequeira	26:1-13
The Package Approach to Growing Peanuts	E. S. Luttrell	27:1-10
Half a Century of a Plant Pathologist in a Tropical Country—Venezuela	G. Malaguti	28:1-10
Plant Pathology, A Changing Profession in a Changing World	G. W. Bruehl	29:1-12

### PIONEER LEADERS

Heinrich Anton de Bary: Nach Einhundertfünfzig Jahren	J. G. Horsfall, S. Wilhelm	20:27-32
Pioneer Leaders in Plant Pathology: Benjamin Minge Duggar	J. C. Walker	20:33-39
Charles Chupp: Extension Plant Pathologist	C. W. Boothroyd	20:41-47
Pioneer Leaders in Plant Pathology: F. D. Heald	K. F. Baker, G. W. Fischer	21:13-20
Erwin Frink Smith—Pioneer Plant Pathologist	C. L. Campbell	21:21-27
Pioneer Leaders in Plant Pathology: E. C. Stakman	R. R. Nelson	22:11-19
Pioneer Leaders in Plant Pathology: Cynthia Westcott, Plant Doctor	R. K. Horst	22:21-26
Pioneer Leaders in Plant Pathology: James Johnson	R. W. Fulton	22:27-34
William Brown: Pioneer Leader in Plant Pathology	S. D. Garrett	23:13-18
Ernst Gaumann, 1893-1963: Pioneer Leader in Plant Pathology	H. Kern	23:19-22
A. H. R. Buller: Pioneer Leader in Plant Pathology	R. H. Estey	24:17-25
William C. Snyder: Pioneer Leader in Plant Pathology	T. A. Toussoun	24:27-31
Johanna Westerdijk: Pioneer Leader in Plant Pathology	L. C. P. Kerling, J. G. ten Houten, G. de Bruin-Brink	24:33-41
R. E. Smith: Pioneer in Phytopathology	W. B. Hewitt	25:41-50
John Charles Walker: Pioneer in Phytopathology	G. S. Pound	25:51-58
H. H. Flor: Pioneer in Phytopathology	W. Q. Loegering, A. H. Ellingboe	25:59-66
Howard Samuel Fawcett: Pioneer in Phytopathology	G. A. Zentmyer	26:17-21

The Role of Thomas Taylor in the History of American Phytopathology	J. K. Grace	26:25-28
James Edward Vanderplank: Maverick and Innovator	J. C. Zadoks, R. D. Schein	26:31-36
Roy Markham: Pioneer in Phytopathology	R. Matthews	27:13-22
Cecil Edmund Yarwood: Pioneer in Phytopathology	D. S. Teakle	27:23-31
Julian Gilbert Leach: Pioneer Leader in Plant Pathology	M. E. Gallegly, Jr., H. L. Barnett	27:33-40
Jesse Roy Christie: The Gentleman Nematologist	A. C. Tarjan, R. P. Esser, V. Perry	27:41-45
Elias Melin: The Man and His Work	G. Lindeberg	27:47-57
Dr. Benjamin (Ben) Goodwin Chitwood	W. F. Mai, A. R. Maggenti	28:13-23
Professor Ciccione	A. Graniti	28:27-36
Nathan Augustus Cobb: The Father of Nematology in the United States	R. N. Huettel, A. M. Golden	29:15-26
Albert Eugene Dimond, 1914 to 1972: One of the Bright Lights of Plant Pathology	J. Horsfall	29:29-33
<b>DEVELOPMENT OF CONCEPTS</b>		
Landmarks in the Development of Phytobacteriology	M. P. Starr	22:169-88
Evolving Concepts of Biological Control of Plant Pathogens	K. F. Baker	25:67-85
The Impact of Molecular Genetics on Plant Pathology	A. Kerr	25:87-110
Evolution of Concepts Associated with Soilborne Plant Pathogens	J. L. Lockwood	26:93-121
Evolution of Concepts for Chemical Control of Plant Disease	B. C. Baldwin, W. G. Rathmell	26:265-83
Perspectives on Progress in Plant Virology	M. K. Brakke	26:331-50
Concepts and Technologies of Selected Seed Treatments	A. G. Taylor, G. E. Harman	28:321-39
<b>DIAGNOSIS AND APPRAISAL OF PLANT DISEASE</b>		
Crop Management by Comprehensive Appraisal of Yield Determining Variables	M. V. Wiese	20:419-32
Integrative Analyses of Host-Pathogen Relations	R. S. Loomis, S. S. Adams	21:341-62
Grain Molds in the Tropics: Problems and Importance	R. J. Williams, D. McDonald	21:153-78
The Spatial Analysis of Soilborne Pathogens and Root Diseases	C. L. Campbell, J. P. Noe	23:129-48
The Limiting Effect of Disease Resistance on Yield	V. Smedegaard-Petersen, K. Tolstrup	23:475-90
Remote Sensing of Biotic and Abiotic Plant Stress	R. D. Jackson	24:265-87
Use of Crop Growth-Models To Predict the Effects of Disease	D. I. Rouse	26:183-201
Molecular Diagnosis of Plant Pathogens	S. A. Miller, R. R. Martin	26:409-32
The Continuous Challenge of Citrus Tristeza Virus Control	M. Bar-Joseph, R. Marcus, R. F. Lee	27:291-316
Advances in Coffee Rust Epidemiology and Management	A. C. Kushalappa, A. B. Eskes	27:503-31
Barley Yellow Dwarf Epidemiology: A Study in Ecological Complexity	M. E. Irwin, J. M. Thresh	28:393-424
Exclusion as a Disease Control Strategy	R. P. Kahn	29:219-46
Citrus Canker Disease in Florida	R. E. Stall	29:399-420
<b>PATHOGENS/FUNGI</b>		
Physiology and Biochemistry of Fungal Sporulation	K. R. Dahlberg, J. L. Van Etten	20:281-301

Heteroploidy as a Mechanism of Variability among Fungi	W. J. Tolmsoff	21:317-40
Fungal Parasitism of Woody Plant Roots from Mycorrhizal Relationships to Plant Disease	H. E. Wilcox	21:221-42
The Biology, Ecology, and Control of <i>Sclerotium rolfsii</i>	Z. K. Punja	23:97-128
Parasite: Host: Environment Specificity in the Cereal Rusts	L. E. Browder	23:201-50
Biosynthesis and Functions of Fungal Melanins	A. A. Bell, M. H. Wheeler	24:411-51
Ecology and Pathogenicity of Anastomosis and Interspecific Groups of <i>Rhizoctonia solani</i> Kühn	A. Ogoshi	25:125-43
The Taxonomy of "Helminthosporium" Species	J. L. Alcorn	26:37-56
Hormonal Heterothallism and Homothallism in Phytophthora	W. Ko	26:57-73
The Phytopathological Significance of Mycelial Individualism	A. D. M. Rayner	29:305-23
<b>PATHOGENS/BACTERIA &amp; OTHER PROKARYOTES</b>		
The DNA Homology Matrix and Non-Random Variation Concepts as the Basis for the Taxonomic Treatment of Plant Pathogenic and Other Bacteria	D. C. Hildebrand, M. N. Schroth, O. C. Huisman	20:235-56
The Role of Bacterial Ice Nucleation in Frost Injury to Plants	S. E. Lindow	21:363-84
Ecology and Epidemiology of Foliar Bacterial Plant Pathogens	S. S. Hirano, C. D. Upper	21:243-69
Infectivity Titration with Bacterial Plant Pathogens	G. L. Ercolani	22:35-52
The Molecular Genetics of Plant Pathogenic Bacteria and Their Plasmids	N. J. Panopoulos, R. C. Peet	23:381-419
Taxonomy of Plant-Pathogenic Coryneform Bacteria	M. J. Davis	24:115-40
Current Status and Future Prospects of Research on Bacterial Blight of Rice	T. W. Mew	25:359-82
Molecular Genetics of Pathogenesis by Soft-Rot Erwinias	A. Kotoujansky	25:405-30
Molecular Genetics of Pathogenicity in Phytopathogenic Bacteria	M. J. Daniels, J. M. Dow, A. E. Osbourn	26:285-312
Plasmids and their Role in the Evolution of Plant Pathogenic Bacteria	D. L. Coplin	27:187-212
<i>Xylella Fastidiosa</i> : Xylem-Limited Bacterial Pathogen of Plants	D. L. Hopkins	27:271-90
<i>Agrobacterium Tumefaciens</i> and Interkingdom Genetic Exchange	W. Ream	27:583-618
Population Biology and Epidemiology of <i>Pseudomonas Syringae</i>	C. D. Upper, S. S. Hirano	28:157-77
Biology and Epidemiology of Bacterial Wilt Caused by <i>Pseudomonas</i>	C. Hayward	29:65-87
Citrus Greening Disease	J. V. d. Graca	29:109-36
Molecular and Genetic Analysis of Toxin Production by Pathovars	D. Gross	29:247-78
<b>PATHOGENS: NEMATODES</b>		
Mechanism of Resistance to Plant Nematodes	J. Giebel	20:257-79
Pathology of the Pine Wilt Disease Caused by <i>Bursaphelenchus xylophilus</i>	Y. Mamiya	21:201-20
The International <i>Meloidogyne</i> Project—Its Goals and Accomplishments	J. N. Sasser, J. D. Eisenback, C. C. Carter, A. C. Triantaphyllou	21:271-88

Nematode Chemotaxis and Possible Mechanisms of Host/Prey Recognition	B. M. Zuckerman, H. B. Jansson	22:95-113
The Ecology of Nematodes in Agroecosystems	D. W. Freckman, E. P. Caswell	23:275-96
Biological Control of Plant-Parasitic Nematodes	P. Jatala	24:453-89
Interactions Among Root-Knot Nematodes and Fusarium Wilt Fungi on Host Plants	W. F. Mai, G. S. Abawi	25:317-38
The Concept of Race in Phytonematology	V. H. Dropkin	26:145-61
Disease-Inducing Secretions of Plant-Parasitic Nematodes	R. S. Hussey	27:123-41
Control of the Golden Nematode in the United States	B. B. Brodie, W. F. Mai	27:443-61
Advances in Research on <i>Caenorhabditis elegans</i> : Application to Plant Parasitic Nematodes	D. L. Riddle, L. Georgi	28:247-69
Integration of Molecular Data with Systematics of Plant Parasitic Nematodes	B. C. Hyman, T. O. Powers	29:89-107
Resistance and Tolerance in Plant Parasitic Nematodes in Plants	D. L. Trudgill	29:167-92
Current Options for Nematode Management	L. W. Duncan	29:469-90
<b>PATHOGENS: VIRUSES</b>		
Satellites of Plant Viruses	A. F. Murant, M. A. Mayo	20:49-70
A Molecular Biological Approach to Relationships Among Viruses	A. R. Gould, R. H. Symons	21:179-99
Plant Viral Double-Stranded RNA	J. A. Dodds, T. J. Morris, R. L. Jordan	22:151-68
Advances in Geminivirus Research	B. D. Harrison	23:55-82
Molecular Evolution of Plant RNA Viruses	R. W. Goldbach	24:289-310
Mechanisms of Resistance to Plant Viruses	F. Ponz, G. Bruening	24:355-81
Beetle Transmission of Plant Viruses	J. P. Fulton, R. C. Gergerich, H. A. Scott	25:111-23
Expression and Function of Potyviral Gene Products	W. G. Dougherty, J. C. Carrington	26:123-43
Hordeivirus Relationships and Genome Organization	A. O. Jackson, B. G. Hunter, G. D. Gustafson	27:95-121
Viruses in Forest Trees	F. Nienhaus, J. D. Castello	27:165-86
Movement of Viruses Within Plants	R. Hull	27:213-40
Evolution and Molecular Biology of Luteoviruses	W. C. Gerlach, R. R. Martin, P. K. Keese, M. J. Young, P. M. Waterhouse	28:341-63
Coat Protein-Mediated Resistance Against Virus Infection	R. N. Beachy, S. Loesch-Fries, N. Tumer	28:451-74
Virus-Host Interactions: Induction of Chlorotic and Necrotic Responses in Plants by Tobamoviruses	W. O. Dawson, A. G. C. Lindbeck, J. N. Culver	29:193-217
<b>PATHOGENS/MOLLICUTES</b>		
Insect Vector Relationships with Prokaryotic Plant Pathogens	A. H. Purcell	20:397-417
Mechanisms of Spiroplasma Pathogenicity	M. J. Daniels	21:29-43
Wall-Less Prokaryotes of Plants	J. M. Bové	22:361-96
Prospects for in vitro Culture of Plant-Pathogenic Mycoplasma-like Organisms	I. M. Lee, R. E. Davis	24:339-54
<b>ABIOTIC STRESS AND DISEASE</b>		
Acid Precipitation Effects on Terrestrial Vegetation	L. S. Evans	22:397-420



Plant Diseases Caused by Flagellate Protozoa ( <i>Phytomonas</i> )	M. Dollet	22:115-32
Salt Tolerance and Crop Production—A Comprehensive Approach	D. Pasternak	25:271-91
Soil Compaction and Effects of Incorporated Crop Residue on Root	R. R. Allmaras, J. M. Kraft, D. E. Miller	26:219-43
Ozone and Crop Yield	A. S. Heagle	27:397-423
<b>PHYSIOLOGY, MORPHOLOGY, AND ANATOMY</b>		
Compartmentalization: A Conceptual Framework for Understanding How Trees Grow and Defend Themselves	A. L. Shigo	22:189-214
The Ultrastructure of the Rhizoplane and Rhizosphere	R. C. Foster	24:211-34
Ultrastructure of Bacterial Penetration in Plants	J.-s. Huang	24:141-57
Structural and Chemical Changes Among the Rust Rungi During Appressorium Development	H. C. Hoch, R. C. Staples	25:231-47
Perspectives on Wound Healing in Resistance to Pathogens	R. M. Bostock, B. A. Stermer	27:343-71
Ultrastructure and Mobilization of Ions near Infection Sites	H. Kunoh	28:93-111
Delignification by Wood Decay Fungi	R. Blanchette	29:381-98
<b>BIOCHEMISTRY AND MOLECULAR BIOLOGY OF HOST-PATHOGEN INTERACTIONS</b>		
Host-Specific Toxins and Chemical Structures from <i>Alternaria</i> Species	S. Nishimura, K. Kohmoto	21:87-116
Induction of Resistance or Susceptibility	S. Ouchi	21:289-315
The Role of Recognition in Plant Disease	J. M. Daly	22:273-307
The Relevance of Non-Host-Specific Toxins in the Expression of Virulence by Pathogens	R. E. Mitchell	22:215-45
Concepts and Methods Regarding Host Plant Resistance to Arthropods and Pathogens	M. K. Harris, R. A. Frederiksen	22:247-72
Enzymatic Penetration of the Plant Cuticle by Fungal Pathogens	P. E. Kolattukudy	23:223-50
Transposon Mutagenesis and Its Potential for Studying Virulence Genes in Plant Pathogens	D. Mills	23:297-320
Phytoalexin Synthesis: The Biochemical Analysis of the Induction Process	J. Ebel	24:235-64
The Role of Pectic Enzymes in Plant Pathogenesis	A. Collmer, N. T. Keen	24:383-409
The Mechanisms for Self-Protection Against Bacterial Phytotoxins	R. D. Durbin, P. J. Langston-Unkefer	26:313-29
Phytoalexin Detoxification: Importance for Pathogenicity and Practical Implications	H. VanEtten, D. E. Matthews, P. Matthews	27:143-64
Reassessment of Plant Wilt Toxins	N. Van Alfen	27:533-50
Plant Pathogenesis-Related Proteins Induced by Virus Infection	J. F. Bol, H. J. M. Linthorst, B. J. C. Cornelissen	28:113-38
Proteinase Inhibitors in Plants: Genes for Improving Defenses Against Insects and Pathogens	C. Ryan	28:425-49
<b>MOLECULAR GENETICS</b>		
Approaches to Cloning Plant Genes	J. G. Ellis, G. J. Lawrence,	
Conferring Resistance to Fungal Pathogens	W. J. Peacock, A. J. Pryor	26:245-63

Molecular Genetic Approaches to the Study of Fungal Pathogenesis	S. Leong, D. W. Holden	27:463-81
Cytoplasmic Male Sterility and Maternal Inheritance of Disease Susceptibility in Maize	D. R. Pring, D. M. Lonsdale	27:483-502
Significance of dsRNA Genetic Elements in Plant Pathogenic Fungi	D. Nuss, Y. Koltin	28:37-58
Working Models of Specific Recognition in Plant-Microbe Interactions	D. W. Gabriel, B. G. Rolfe	28:365-91
Molecular Genetic Analysis of the Rice Blast Fungus, <i>Magnaporthe</i>	B. Valent, F. G. Chumley	29:443-67
<b>GENETICS OF HOST-PATHOGEN INTERACTIONS</b>		
Role of Genetics in Etiological Phytopathology	V. E. Gracen	20:219-33
The Genetics and Pathology of <i>Rhizoctonia solani</i>	N. A. Anderson	20:329-47
Mutations, the Aberrant Ratio Phenomenon and Virus Infection of Maize	M. K. Brakke	22:77-94
The Role and Importance of Pathogens in Natural Plant Communities	A. Dinoor, N. Eshed	22:443-66
Molecular Markers for Genetic Analysis of Phytopathogenic Fungi	R. W. Michelmore, S. H. Hulbert	25:383-404
Genetic Control of Phenotypes in Wheat Stem Rust	A. P. Roelfs	26:351-67
The Population Biology of Host-Pathogen Interactions	B. A. McDonald, J. M. McDermott, S. B. Goodwin, R. W. Allard	27:77-94
Genetics of Quantitative Resistance to Fungal Disease	H. H. Geiger, M. Heun	27: 317-41
The Genetics of Resistance to Plant Viruses	R. S. S. Fraser	28:179-200
Genetics of Small-grain Smuts	P. L. Thomas	29:137-48
<b>BREEDING FOR RESISTANCE</b>		
Genetics and Epidemiological Modeling of Breakdown of Plant Disease Resistance	S. Kiyosawa	20:93-117
Breeding Strategies for Stress and Disease Resistance in Developing Countries	I. W. Buddenhagen	21:385-409
A Critical Analysis of Durable Resistance Strategies in Unconventional Breeding for Disease Resistance	R. Johnson	22:309-30
The Current Status and Prospects of Multiline Cultivars and Variety Mixtures for Disease Resistance	G. Wenzel	23:149-72
Tissue Culture and the Selection of Resistance to Pathogens	M. S. Wolfe	23:251-74
Multiple Disease Resistance in Grain Legumes	M. E. Daub	24:159-86
Pyramiding Major Genes for Resistance To Maintain Residual Effects	Y. L. Nene	26:203-17
Breeding for Resistance in Forest Trees: A Quantitative Genetic Approach	W. L. Pedersen, S. Leath	26:369-78
Plant Diseases and the Use of Wild Germplasm	S. D. Carson, M. J. Carson	27:373-95
Breeding for Disease Resistance in Peanut ( <i>Arachis hypogaea</i> L.)	J. M. Lenné, D. Wood	29:35-63
Maintaining Genetic Diversity in Breeding for Resistance in Forest Trees	J. C. Wynne, M. K. Beute, S. N. Nigam	29:279-303
	G. Namkoong	29:325-42
<b>EPIDEMIOLOGY AND INFLUENCE OF ENVIRONMENT</b>		
Host Density as a Factor in Plant Disease Ecology	J. J. Burdon, G. A. Chilvers	20:143-66

Interrelations of Root Growth Dynamics to Epidemiology of Root-Invasive Fungi	O. C. Huisman	20:303-27
Modeling of Soilborne Pathogens	C. A. Gilligan	21:45-64
The Interaction between Environmental Stress Injury and Biotic Disease Physiology	P. G. Ayres	22:53-75
Disease Incidence and Severity Relationships	R. C. Seem	22:133-50
Plant Response to Air Pollutant Mixtures	R. A. Reinert	22:421-42
The Epidemiology of Forest Nursery Diseases	W. J. Bloomberg	23:83-96
A Comparison of Simulation Approaches to Epidemic Modeling	P. S. Teng	23:351-80
Microclimate in Relation to Epidemics of Powdery Mildew	H.-J. Aust, J. v. Hoyningen-Huene	24:491-510
Modeling the Long-Range Transport of Plant Pathogens in the Atmosphere	J. M. Davis	25:169-88
Screening for Fungicides	M. C. Shephard	25:189-206
Variation in Climate and Prediction of Disease in Plants	S. M. Coakley	26:163-81
Analytic Models of Plant Disease in a Changing Environment	B. Hau	28:221-45
The Role of Intermittent Wind in the Dispersal of Fungal Pathogens	D. Aylor	28:73-92
Long-Distance Dispersion of Rust Pathogens	S. Nagarajan, D. V. Singh	28:139-53
The Development, Implementation, and Adoption of Expert Systems in Plant Pathology	J. W. Travis, R. X. Latin	29:343-60
Environmentally Driven Cereal Crop Growth Models	B. Klepper, R. W. Rickman	29:361-80
<b>ACTION OF TOXICANTS AND CHEMICAL CONTROL</b>		
Theory and Strategy of Chemical Control	G. Skylakakis	21:117-35
Reactions of Mycorrhizal Fungi and Mycorrhiza Formation to Pesticide	J. M. Trappe, R. Molina, M. Castellano	22:331-59
The Bioregulatory Action of Flavor Compounds on Fungal Spores and Other Propagules	R. C. French	23:173-200
The Chemical Control of Post-Harvest Diseases: Subtropical and Tropical Fruits	J. W. Eckert, J. M. Ogawa	23:421-54
Systemic Fungicides and the Control of Oomycetes	Y. Cohen, M. D. Coffey	24:311-38
Benzimidazole Fungicides: Mechanism of Action and Biological Impact	L. C. Davidse	24:43-65
Chemical Control of Postharvest Diseases: Deciduous Fruits, Berries, Vegetables, and Root/Tuber Crops	J. W. Eckert, J. M. Ogawa	26:433-69
Environment and Plant Health: A Nematological Perception	H. J. Wallace	27:59-75
The Role of Rain in Dispersal of Pathogen Inoculum	B. D. L. Fitt, H. A. McCartney, P. J. Walklate	27:241-70
Genetics of Bactericide Resistance in Plant Pathogenic Bacteria	D. A. Cooksey	28:201-19
Quantifying Pesticide Behavior in Soil	R. J. Wagenet, J. L. Hutson	28:295-319
Fungicide Resistance: Practical Experience with Antiresistance Strategies and the Role of Integrated Use	T. Staub	29:421-42
<b>BIOLOGICAL AND CULTURAL CONTROL</b>		
Cropping Practices and Virus Spread	J. M. Thresh	20:193-218
Potential for Biological Control of Plant Diseases on the Phylloplane	J. P. Blakeman, N. J. Fokkema	20:167-92
Biology and Potential for Disease Control of Hypovirulence of <i>Endothia parasitica</i>	N. K. Van Alfen	20:349-62

Suppressive Soils	D. Hornby	21:65-85
<i>Trichoderma</i> and <i>Gliocladium</i> : Biology, Ecology, and Potential for Biocontrol	G. C. Papavizas	23:23-54
Practices and Precautions in the Use of Cross Protection for Plant Virus Disease Control	R. W. Fulton	24:67-81
Basis for the Control of Soilborne Plant Pathogens with Composts	H. A. J. Hoitink, P. C. Fahy	24:93-114
Siderophores: Their Biochemistry and Possible Role in the Biocontrol of Plant Pathogens	J. Leong	24:187-209
<i>Rhizobium</i> —The Refined Parasite of Legumes	M. A. Djordjevic, D. W. Gabriel, B. G. Rolfe	25:145-68
Interactions of Deleterious and Beneficial Rhizosphere Microorganisms and the Effect of Cropping Practices	B. Schippers, A. W. Bakker, P. A. H. M. Bakker	25:339-58
Role of Antibiosis in the Biocontrol of Plant Diseases	D. R. Fravel	26:75-91
Biological Control of Soilborne Pathogens in the Rhizosphere	D. M. Weller	26:379-407
Biological Control of Postharvest Disease Factors Affecting the Efficacy of Natural Enemies of Nematodes	C. L. Wilson, M. Wisniewski	27:425-41
	R. M. Sayre, D. E. Walter	29:149-66
SPECIAL TOPICS		
Advances of Science of Plant Protection in the People's Republic of China	W. F. Chiu, Y. H. Chang	20:71-92
Application of In Situ Microanalysis in Understanding Disease: X-Ray Microanalysis	R. J. Zeyen	20:119-42
Closed System Agriculture: Resource Constraints, Management Options, and Design Alternatives	T. C. Edens, D. L. Haynes	20:363-95
Extension Plant Pathology: Challenges and Opportunities	B. J. Jacobsen	21:137-52
Monoclonal Antibodies in Plant Disease Research	E. L. Halk, S. H. DeBoer	23:321-50
On the Conceptual Basis of Crop Loss Assessment: The Threshold Theory	J. C. Zadoks	23:455-74
Plant Pathology in the Small Farm Context	R. A. Moreno	23:491-512
Disease Management Strategies and the Survival of the Banana Industry	R. H. Stover	24:83-91
The Biology of <i>Phytophthora cinnamomi</i> in Australasian Forests	G. Weste, G. C. Marks	25:207-29
Epidemiology of Aflatoxin Formation by <i>Aspergillus flavus</i>	U. L. Diener, R. J. Cole, T. H. Sanders, G. A. Payne, L. S. Lee, M. A. Klich	25:249-70
Fungal Endophytes of Grasses	M. R. Siegel, G. C. M. Latch, M. C. Johnson	25:293-313
Guidelines and Regulations for Research with Genetically Modified Organisms: A View from Academe	S. A. Tolin, A. K. Vidaver	27:551-81
The Changing Role of Extension Plant Pathologists	B. J. Jacobsen, A. O. Paulus	28:271-94

